AMENDMENTS TO THE CLAIMS:

Please cancel without prejudice claims 4-6 and 8, amend claims 1, 7 and 9 and add newly written claim 11 as follows.

This listing of claims will replace all prior versions, and listings, of claims in the application:

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1. *(Currently Amended)* A method of image signal processing wherein a signal defining a pixellated multi-level image is defined by a first plurality of binary strings in a memory, the strings having associated therewith respective weightings and defining respective bit planes each bit plane corresponding to a digitised pixelwise intensity distribution, such that the weighted pixelwise intensity distribution over all said plurality of bit planes corresponds to said multi-level image, comprising the steps of:

~~the method being characterised in that at least a second plurality of said binary strings associated with the highest weightings are stored~~ storing said strings in sequential locations in said memory in decreasing order of weighting; and ~~the method includes the step of~~ making a succession of read cycles from the stored strings, each read cycle consisting ~~or~~of reading ~~one or more~~ at least one of the stored strings in sequence as stored, commencing with the string for the highest weighting, the numbers of the strings read in the read cycles being varied so that at the end of the succession of read cycles each string ~~of the second plurality~~ has been read out a number of times proportional to its associated weighting.

2. *(Previously presented)* A method according to claim 1 wherein the multi-level image is a multi-intensity image.

3. *(Previously presented)* A method according to claim 1 or claim 2 wherein the said succession of read cycles is repeated.

4. *(Cancelled).*

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5. *(Cancelled).*

6. *(Cancelled).*

7. *(Currently amended)* A method of imaging comprising the steps of performing the method according to ~~any one of claims 1 to 5~~claim 1 and displaying each string ~~of the first plurality as its~~as a bit plane each time ~~it~~each string is read during the succession of read cycles for substantially the same period.

8. *(Cancelled).*

9. *(Currently amended)* A method of imaging according to claim 7, ~~or claim 8~~ wherein the bit planes are displayed on a pixellated liquid crystal display.

10. *(Previously presented)* A method according to claim 9 wherein a small ac potential difference is applied to pixels of the display in periods when bit planes are not being written.

11. *(New)* A method of displaying an image on a pixellated display using a weighted bit plane technique, the method involving the steps of:

(i) defining a plurality of binary strings, each binary string representing a weighted bit plane for display and having a number of read out times associated therewith, the number of read out times proportional to the weighting of the bit plane,

(ii) storing said binary strings in a display memory in sequential order of decreasing weighting of bit plane, and

(iii) repeatedly reading out the binary strings in a plurality of read out cycles, each cycle starting with the binary string according to the highest weighting bit plane and reading out each sequential stored binary string which has not yet been read out the appropriate number of read out times.